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200-ZP-2 INTO THE TREATMENT SYSTEM AT 200-ZP-1 VIA  
500 GALLON TANK

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# **Procedure for Disposing of Condensate from <sup>me</sup>200-ZP-2 into the Treatment System at 200-ZP-1 Via 500 Gallon Tank**

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PROCEDURE FOR DISPOSING OF CONDENSATE FROM THE 200-ZP-2 INTO THE  
TREATMENT SYSTEM AT 200-ZP-1 VIA 500 GALLON TANK

NO additional personal protective equipment (PPE) other than that specified in the 200-ZP-1 site specific hazardous waste operations plan (HWOP) for handling untreated groundwater is required. A walkdown/dry run will be performed prior to start.

- 1) Verify that all system lines from the extraction wellhead to the Process Trailer influent manifold have been evacuated and that all system valves (BV-1 through BV-8, AC-1, SC-1, SC-2, BV-12 through BV-16, BV-20, AC-2, BV-22 through BV-25, BV-27, GV-1, BV-29, BV-30 through BV-37, SC-6, and BV-40) are closed.
- 2) Disconnect system line at Tank #1 inlet manifold and cap both camlocks.
- 3) Disconnect system line at Process Trailer inlet manifold and cap both camlocks.
- 4) Uncap and connect the system line from Step #3 to the Tank #1 inlet manifold.
- 5) Disconnect system line at the Tank #1 outlet manifold and cap both camlocks.
- 6) Uncap and connect the system line from Step #5 to the Condensate Tank outlet manifold.
- 7) Open Condensate Tank outlet ball valve, BV-20, GV-1, BV-6, and BV-12.
- 8) If using Pump P-2A:  
    Open BV-22 and BV-23.  
    If using Pump P-2B:  
    Open BV-24 and BV-25.
- 9) If using Filter F-1A:  
    Open BV-30 and BV-31.  
    If using Filter F-1B:  
    Open BV-32 and BV-33.  
    If using Filter F-2A:  
    Open BV-34 and BV-35.  
    If using Filter F-2B:  
    Open BV-36 and BV-37.
- 10) Switch disconnect of the selected pump to "On."
- 11) Switch MBV-1 "Open-Closed-Auto" switch to "Open."
- 12) Depress and hold selected pump "Start" pushbutton.
- 13) Operate pump until Condensate Tank is empty, then release the pump "Start" pushbutton.

- 14) If using Pump P-2A:  
Close BV-22.  
If using Pump P-2B:  
Close BV-24.
- 15) Switch disconnect of selected pump to "Off."
- 16) Connect the compressor line to AC-2, and switch the compressor switch to "Auto."
- 17) When the pressure gage on the compressor tank reaches approximately 50 psi, (not to exceed 60 psi), open AC-2.
- 18) When the system line has been sufficiently evacuated (allow one to two minutes), close the Condensate Tank outlet ball valve.
- 19) Close AC-2.
- 20) Move the compressor switch to "Off," and disconnect the compressor line from AC-2.
- 21) Allow excess air pressure to be released by opening AC-2.
- 22) Close AC-2 and BV-20.
- 23) Connect the compressor line to AC-2, and switch the compressor switch to "Auto."
- 24) When the pressure gage on the compressor tank reaches approximately 50 psi, (not to exceed 60 psi), open AC-2 and BV-24 (if using Pump P-2B), or BV-22 (if using Pump P-2A).
- 25) Open BV-7 and BV-8.
- 26) When the system line has been sufficiently evacuated (allow three to five minutes), close BV-12.
- 27) Close AC-2 and GV-1.
- 28) Allow excess air pressure in the system line and Tank #1 inlet manifold to be released by opening SC-2.
- 29) Switch MBV-1 "Open-Closed-Auto" switch to "Closed."
- 30) Close BV-6, BV-7, and BV-8.
- 31) Evacuate influent filters as per Air Purging Procedures.
- 32) Disconnect the system line at the Condensate Tank outlet and cap both camlocks.

- 33) Uncap and connect the system line from Step #32 to Tank #1 outlet.
- 34) Disconnect the system line at the Tank #1 inlet and cap both camlocks.
- 35) Uncap and connect the system line from Step #34 to the Process Trailer inlet.
- 36) Uncap the system line from the extraction well manifold and connect it to the Tank #1 inlet manifold.

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